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If no title is shown please refer to the description.
Si aucun titre n'est indiqué se référer à la description.)

Kettle assembly

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KETTLE ASSEMBLY

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TECHNICAL FIELD

10 The present invention relates to a kettle assembly. More specifically, it relates to a kettle assembly for soup having an outer container, and inner container and a lid.

BACKGROUND ART

15 Soup is a food product that is greatly appreciated as a light snack or as a starter in a more extensive dinner. It is important that the soup has to be served warm. At home, soup is usually prepared in a kettle in the kitchen. When the soup has
20 been heated to the right temperature, it is poured into bowls using a ladle and served directly, such that it may be consumed while still warm. However, soup is also served in snack bars, waiting rooms, office restaurants, petrol stations, etc. In those circumstances, the soup is usually kept warm using an
25 insulating kettle. For example, JP2002238718 (Fukui Craft KK) discloses such a heat-insulating container for soup, wherein an inner wall and an outer wall of the container are joined by a foaming resin. The soup is generally heated on an electric plate. A special situation exists in office restaurants with
30 self-service, where the soup has to be kept warm unattended for longer periods. This is usually achieved by means of an electronic temperature control unit. For instance, GB-A-2 380 063 discloses an electric kettle and a means for sensing the

water temperature and switching-off the kettle at a pre-selected temperature.

If, however, the manager of the office restaurant wishes to
5 offer the choice between more than one type of soup to his clients, this is often not possible because the available space is too restricted. It is therefore an object of the present invention to provide a kettle assembly that enables the simultaneous delivery of more than one type of soup at a
10 constant, elevated temperature and in a restricted space.

Surprisingly, it was found that this object can be achieved by the kettle assembly for soup according to the present invention, comprising a kettle part and a lid, which is
15 characterised in that the kettle part comprises a cylindrical outer container and a cylindrical inner container fitting inside said outer container, said inner container having therein a vertical separating plate, such that at least two compartments are formed and that the lid comprises a hinge,
20 such that each of the compartments of the inner container can be opened separately.

SUMMARY OF THE INVENTION

25 According to a first aspect of the present invention there is provided a kettle assembly for soup comprising a kettle part and a lid, characterised in that the kettle part comprises a cylindrical outer container and a cylindrical inner container fitting inside said outer container, said inner container
30 having therein a vertical separating plate, such that at least two compartments are formed and that the lid comprises a hinge, such that each of the compartments of the inner container can be opened separately.

In a second aspect, there is provided process for the simultaneous dispensing of more than one type of soup, using the kettle assembly of the invention.

5

DISCLOSURE OF THE INVENTION

The kettle assembly of the present invention comprises a kettle part and a lid part. The kettle part comprises a cylindrical
10 outer container and a cylindrical inner container fitting inside said outer container. The outer container preferably comprises two handles to facilitate lifting and moving of the kettle assembly. Inside the outer container, there is an inner container that can be easily removed from the outer
15 container. Between the inner container and the outer container there is a gap, which serves as an insulating layer to keep the temperature of the soup constant. Preferably, the gap is filled with water, which is kept on a predetermined temperature by means of an electrical heating means in the bottom of the outer
20 container. The electric heating means usefully comprise some form of control mechanism to keep the temperature at a pre-set value. It therefor employs a sensor means for determining the temperature of the water, usually indirectly, that is without direct contact between the sensor and the water. Such means may
25 comprise a bi-metallic element the operative part of which is in communication with the interior of the outer container, usually through a vent in the container wall.

According to a second aspect of this invention there is
30 provided a process the simultaneous dispensing of more than one type of soup. It will be clear, given the differences in taste of the clients, that the chance of selling a portion of soup will readily increase if more than one type of soup can be

offered to the clients. Furthermore, all clients in general will benefit from a wider choice of soups.

This invention will now be described in more detail with
5 reference to the drawings showing embodiments according to the various aspects of this so invention. In the drawings: Fig. 1 shows in front view a kettle assembly according to the invention, Fig. 2 shows the outer container of the kettle assembly of Fig. 1 in more detail, Fig. 3 shows the inner
10 container of the kettle assembly of Fig. 1 in more detail.

In all the drawings like reference numerals designate like functional parts. Referring to Figs. 1 to 3, the kettle assembly for soup comprises a cylindrical outer container (1)
15 and a cylindrical inner container (2) which fits inside said outer container. The inner container has fitted therein a vertical separating plate (3), such that at least two compartments are formed. Furthermore, the lid (4) comprises a hinge (5), such that each of the compartments of the inner
20 container (2) can be opened separately.

Preferably, the outer container possesses two handles (6) to facilitate lifting and moving of the kettle assembly for filling and/or cleaning.

25 Preferably, the outer container possesses electrical heating means (7) in the bottom of said outer container. It is preferred that the kettle assembly system also comprise temperature control means to keep the temperature at a pre-set
30 value. The electric element (7) is connected to an electric power supply through two pairs of switch contacts (a double pole switch) which may be in the "off" position and the "on" position.

CLAIMS

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1. A kettle assembly for soup comprising a kettle part and a lid, characterised in that the kettle part comprises a cylindrical outer container and a cylindrical inner container fitting inside said outer container, said inner container having therein a vertical separating plate, such that at least two compartments are formed and that the lid comprises a hinge, such that each of the compartments of the inner container can be opened separately.
2. A kettle assembly according to claim 1, wherein the inner container comprises two compartments.
3. A kettle assembly according to any one of the preceding claims, wherein the outer container comprises two handles.
4. A kettle assembly according to any one of the preceding claims, comprising electrical heating means in the bottom of the outer container.
5. A kettle assembly according to claim 4, wherein the electrical heating means also comprise temperature control means.
6. A kettle assembly according to claim 4, wherein the temperature control means comprise a bi-metallic mechanism.
7. Process for the simultaneous dispensing of more than one type of soup by using the kettle assembly for soup according to any one of the preceding claims.

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ABSTRACT

A kettle assembly for soup comprising a kettle part and a lid, characterised in that the kettle part comprises a cylindrical outer container and a cylindrical inner container fitting
5 inside said outer container, said inner container having therein a vertical separating plate, such that at least two compartments are formed and that the lid comprises a hinge, such that each of the compartments of the inner container can be opened separately.

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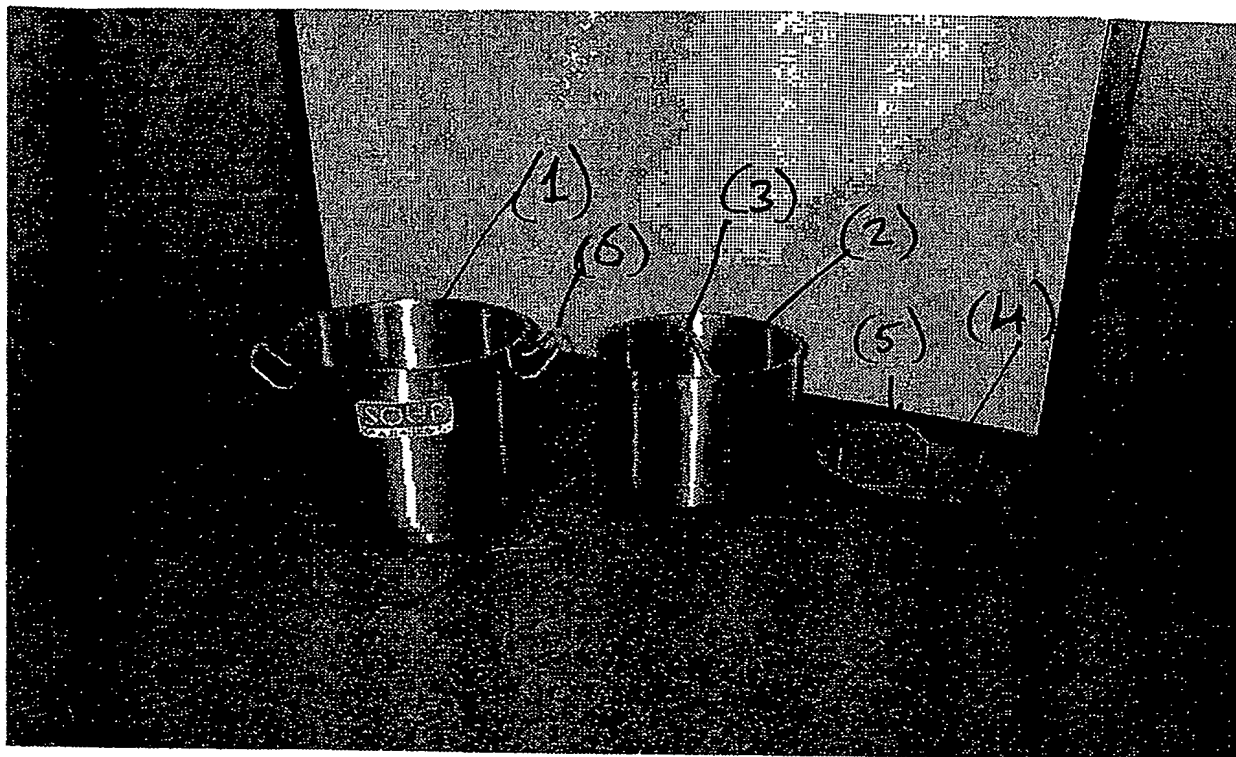
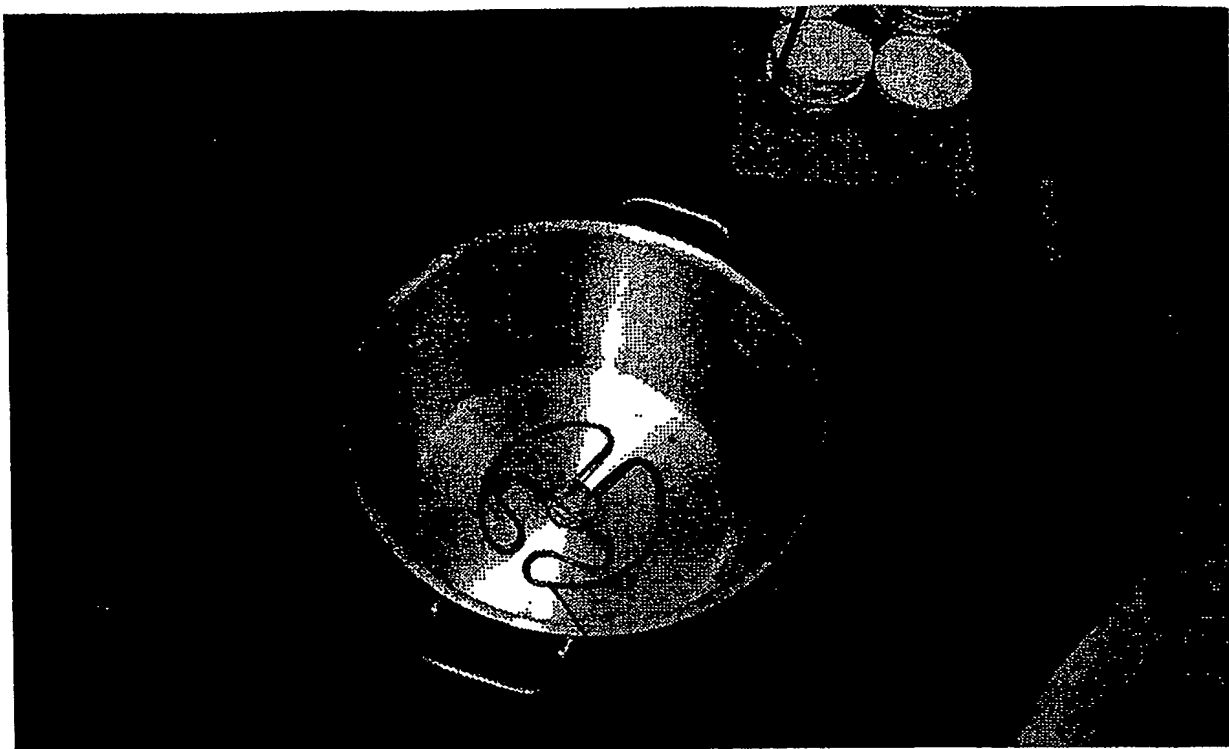


Figure 1

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Figure 2

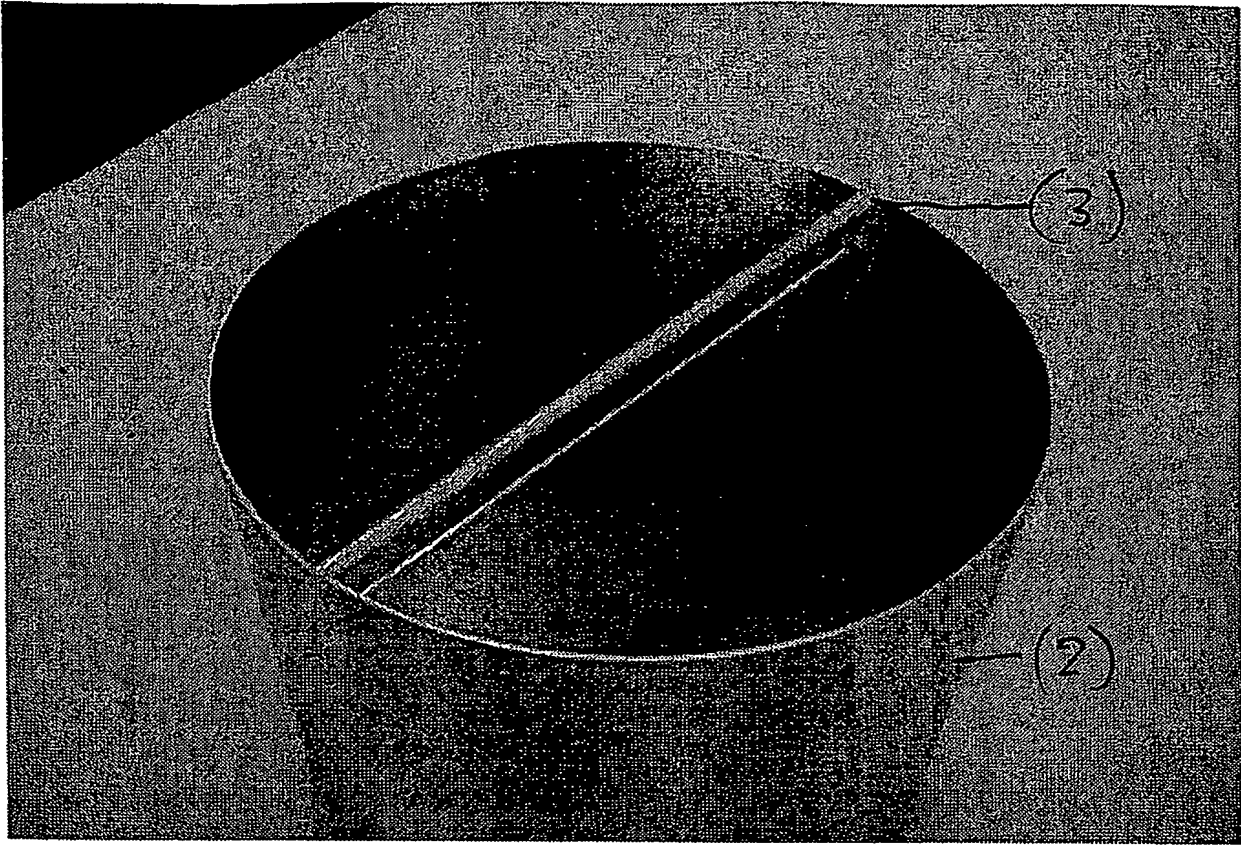


Figure 3

PC/EP 004/005497



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